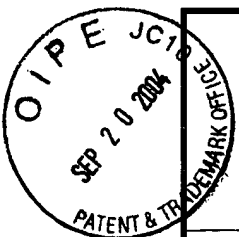


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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	10/614,850
		Filing Date	July 8, 2003
		First Named Inventor	Christopher Jones
		Art Unit	2856
		Examiner Name	John P. Fitzgerald
Total Number of Pages in This Submission		Attorney Docket Number	1391-41700

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): acknowledgment postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual Name	Marcella D. Watkins 36,962
Signature	
Date	September 17, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/614,850
Applicant : Christopher Jones et al.
Filed : July 8, 2003
TC/A.U. : 2856
Examiner : John P. Fitzgerald
Docket No. : 1391-41700
Title: Use of Cesium as a Tracer in Coring Operations

Confirmation No. 9134

**AMENDMENT AND RESPONSE TO OFFICE ACTION
DATED JUNE 17, 2004**

Atty. Dkt. No.: 1391-41700
Date: September 16, 2004

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In response to the Office Action of June 17, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.